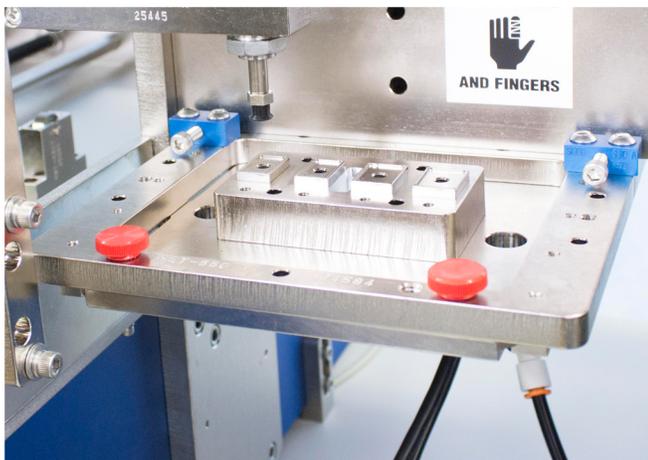


# exatron MODEL 902 BIB

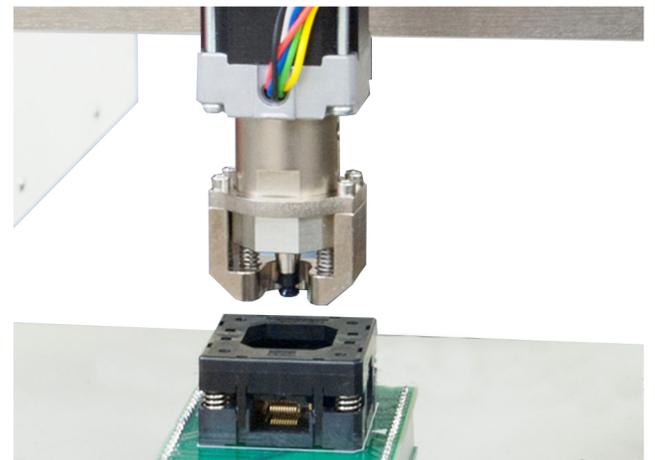
## JEDEC TRAY TO BURN-IN BOARD TRANSFER HANDLER



- Quickly transfers devices from two JEDEC trays to Burn-in Board and back again.
- Easily removable Burn-in Board. BIB carriage changes over in less than a minute.
- Unique pickup head opens/closes sockets as devices are picked/placed.
  - Quick and easy changeover.
- Bus stop transfer station precises devices and increases production speed.
- Robust automation software offers extensive diagnostics and control.
  - Defective socket per tracking software optional.
- Vision options available:
  - Device presence/Pin1 rotation.
  - BIB ID/2D bar code reader and ID software.
- Designed, machined, and built in San Jose, CA.



Bus Stop with Vacuum



Open/Close Pickup Head at Socket



2842 Aiello Drive, San Jose, CA 95111  
1-800-EXA-TRON 1-408-629-7600 [www.exatron.com](http://www.exatron.com)



# MODEL 902 BIB

## JEDEC TRAY TO BURN-IN BOARD TRANSFER HANDLER

### Specifications:

Power:	100-240 VAC 50/60 Hz @ 240 Watts
Air:	5.9 bar (85 PSI) @ 3 CFM clean, dry air
Operational Temp.	13-32°C (55-90°F)
Humidity:	35-90% RH non-condensing

### System Features (as shown):

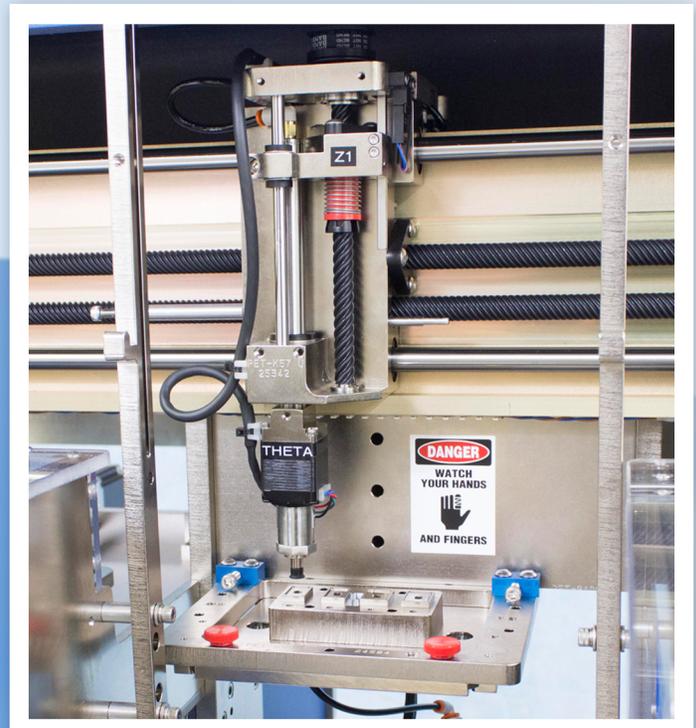
- 1 rotating pickup head and 1 socket opening/closing pickup head.
- 2 JEDEC trays, input/output as needed.
- Virtually "kit-less."  
-Quick and easy changeover of bus stop and pickup heads.
- Windows 7 operator GUI.
- Extensive built-in diagnostic and automation software, generated in-house at Exatron.
- Fully enclosed on all sides, doors electrically and mechanically locked.
- Heavy duty welded steel frame.
- RoHS compliant. Meets all ESD requirements. CE mark available.
- System designed, manufactured, and built in San Jose, CA.

### Ongoing Support:

- World's easiest handler to self-service.
- Worldwide on-site service available.
- Handler self-calibrates on power up. No mechanical or electrical calibrations needed.
- Remote service, training, and software updates available via Internet.
- Spare parts typically ship within 24 hours ARO.
- Excellent, full-color documentation and extensive diagnostics provided.

### Positioning System:

X-Y Drive System:	Servo motor-driven lead screws
X-Y Axis Resolution:	0.1mm (0.003")
X-Y Axis Max. Velocity:	122cm/s (48"/s)
Z Plunger:	Servo motor-driven lead screws
Z Axis Resolution:	+/- 0.1mm (0.003")
Z Axis Repeatability:	+/- 0.1mm (0.003")
Placement Force:	Up to 10kg (20 lbs) force with standard pickup heads
Theta Drive System:	Precision stepper motors
Theta Axis Resolution:	0.1°
Theta Axis Repeatability:	+/- 0.1mm (0.003")



Rotating Pickup Head at Bus Stop



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